

Mixed dosing is authorized for COVID-19 vaccine boosters.



Initial Series	Pfizer	Moderna	Johnson & Johnson*
When	5 months or longer after completion of primary series	6 months or longer after completion of primary series	2 months or longer after completion of single dose
Who	Everyone 12 years or older	Everyone 18 years or older	Everyone 18 years or older
Booster Options	Pfizer, 1/2 dose Moderna, or Johnson & Johnson	Pfizer, 1/2 dose Moderna, or Johnson & Johnson	Pfizer, 1/2 dose Moderna, or Johnson & Johnson

* Discuss risks and benefits with a healthcare provider.

Third dose

- People with moderately to severely compromised immune systems are especially vulnerable to COVID-19, and may not build the same level of immunity to 2-dose vaccine series compared to people who are not immunocompromised.
- CDC recommends that people with moderately to severely compromised immune systems receive an additional dose of the same mRNA COVID-19 vaccine at least 28 days after a second dose of Pfizer-BioNTech COVID-19 vaccine or Moderna COVID-19 vaccine.
- This additional dose is intended to improve immunocompromised people's response to their initial vaccine series.
- An immunocompromised individual who received either Pfizer or Moderna may receive a booster dose.
- Those who received Johnson & Johnson may receive the booster dose of any vaccine type 2 months after the initial Johnson & Johnson primary dose.